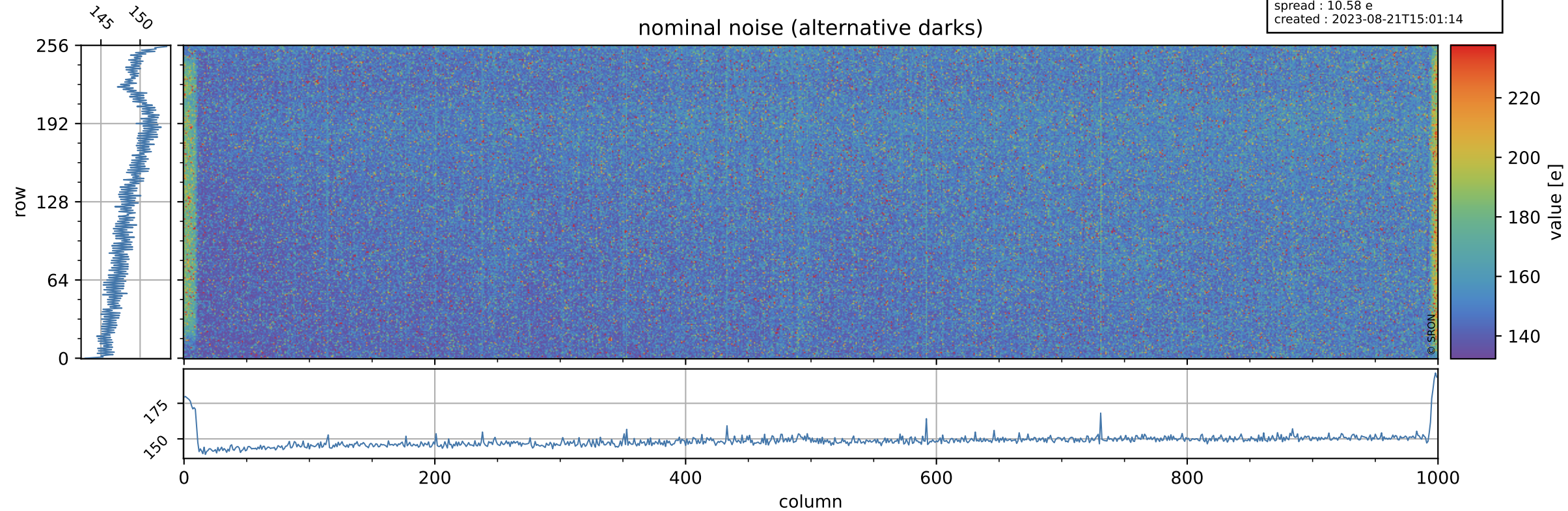


# Tropomi SWIR background noise (swir)

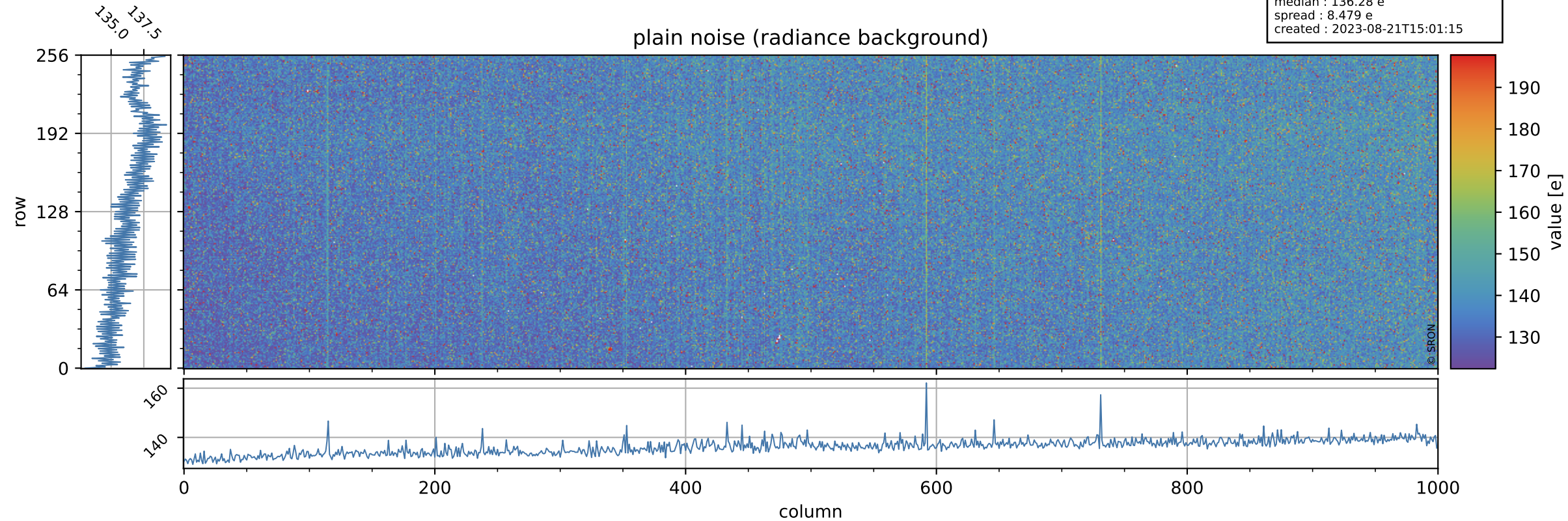
orbits : 12 in [8977, 9067]  
coverage : 2019-07-08 / 2019-07-14  
n\_coad, t\_exp : 1, 1.0783  
median : 148.47 e  
spread : 10.58 e  
created : 2023-08-21T15:01:14

nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

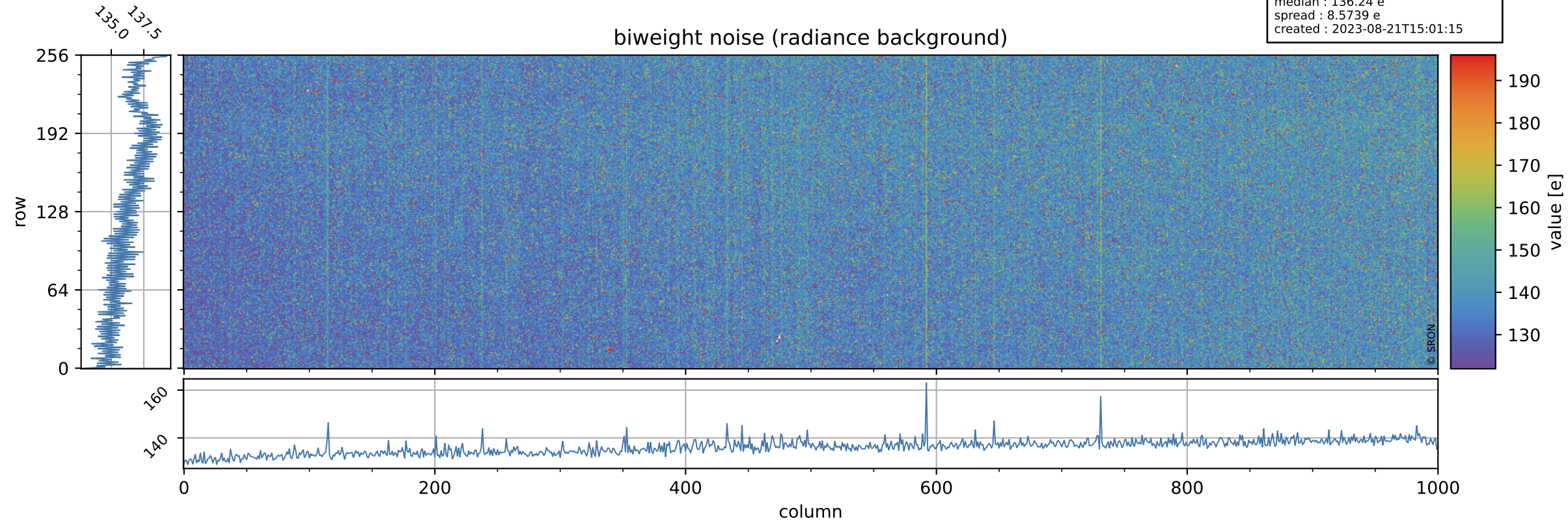
plain noise (radiance background)





# Tropomi SWIR background noise (swir)

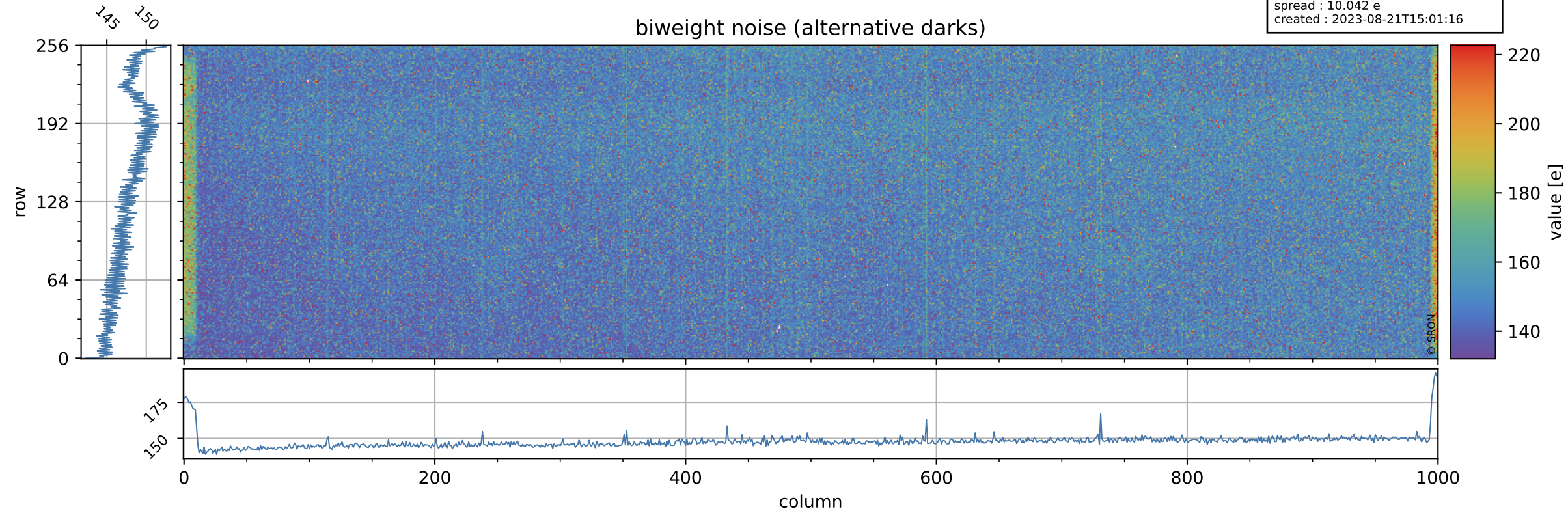
biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8977, 9067]  
coverage : 2019-07-08 / 2019-07-14  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 10.042 e  
created : 2023-08-21T15:01:16

biweight noise (alternative darks)

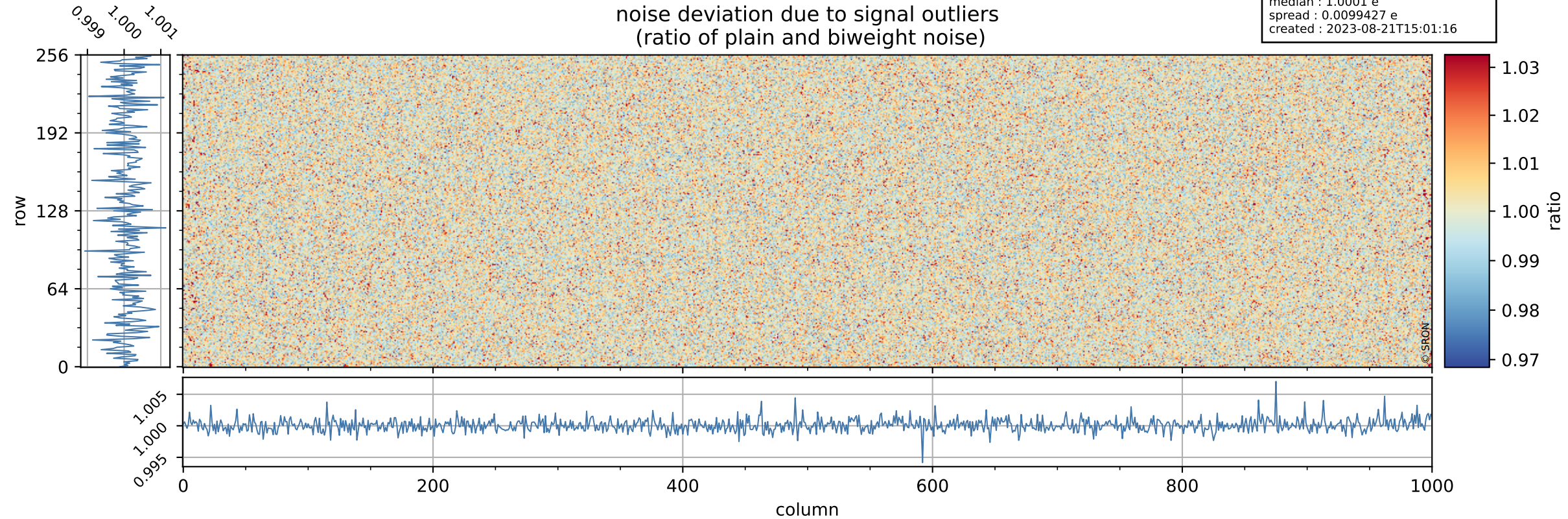




# Tropomi SWIR background noise (swir)

noise deviation due to signal outliers  
(ratio of plain and biweight noise)

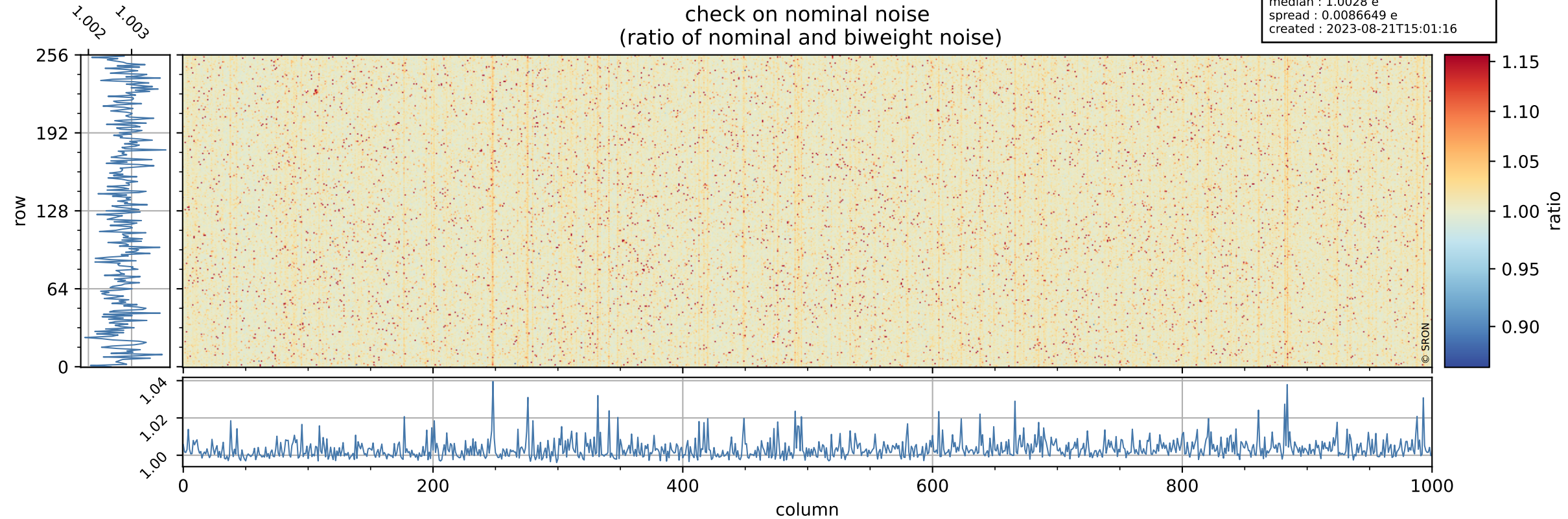
orbits : 12 in [8977, 9067]  
coverage : 2019-07-08 / 2019-07-14  
median : 1.0001 e  
spread : 0.0099427 e  
created : 2023-08-21T15:01:16



# Tropomi SWIR background noise (swir)

check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8977, 9067]  
coverage : 2019-07-08 / 2019-07-14  
median : 1.0028 e  
spread : 0.0086649 e  
created : 2023-08-21T15:01:16

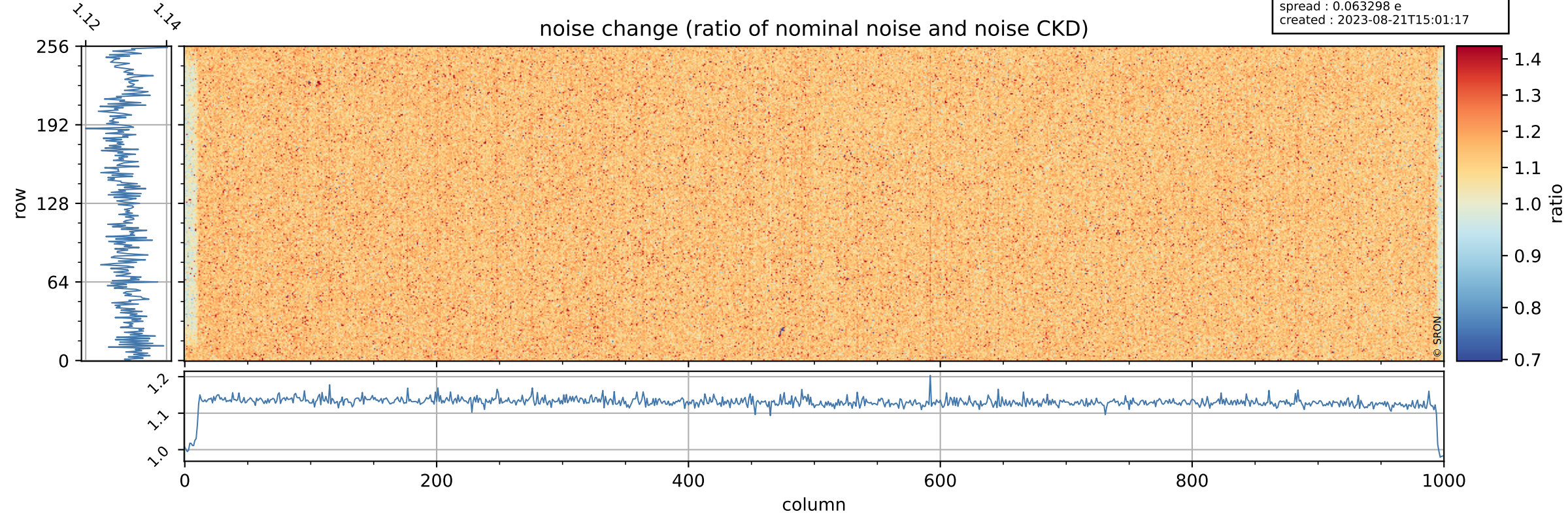




# Tropomi SWIR background noise (swir)

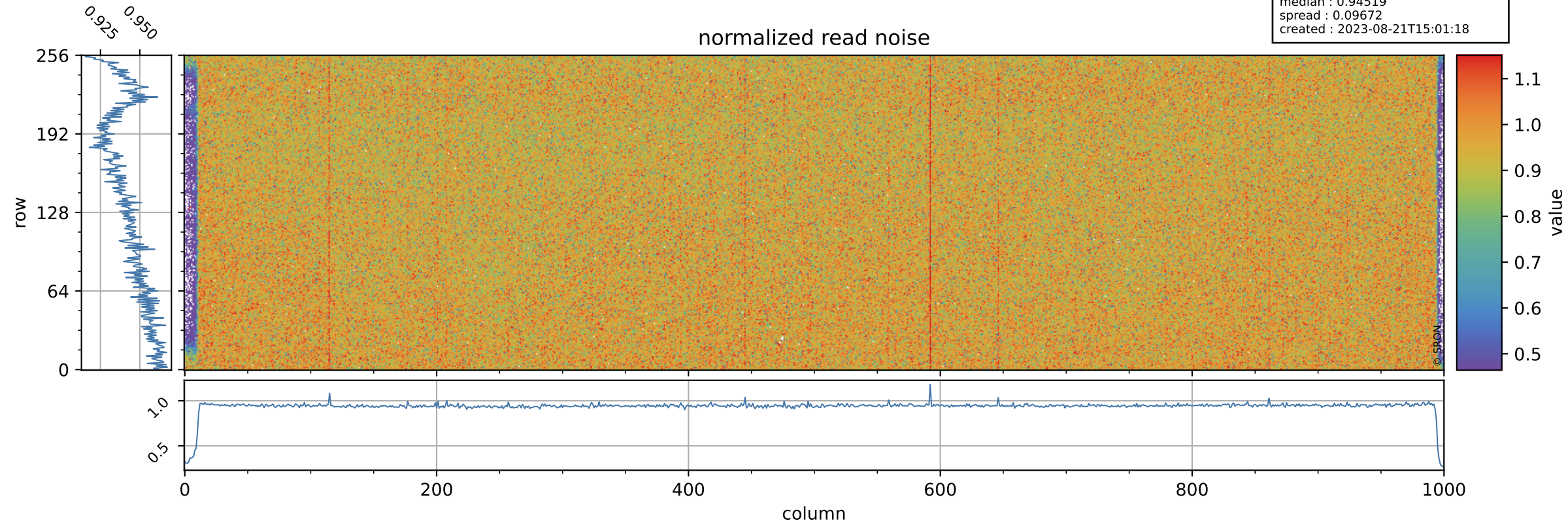
orbits : 12 in [8977, 9067]  
coverage : 2019-07-08 / 2019-07-14  
median : 1.1294 e  
spread : 0.063298 e  
created : 2023-08-21T15:01:17

noise change (ratio of nominal noise and noise CKD)



# Tropomi SWIR background noise (swir)

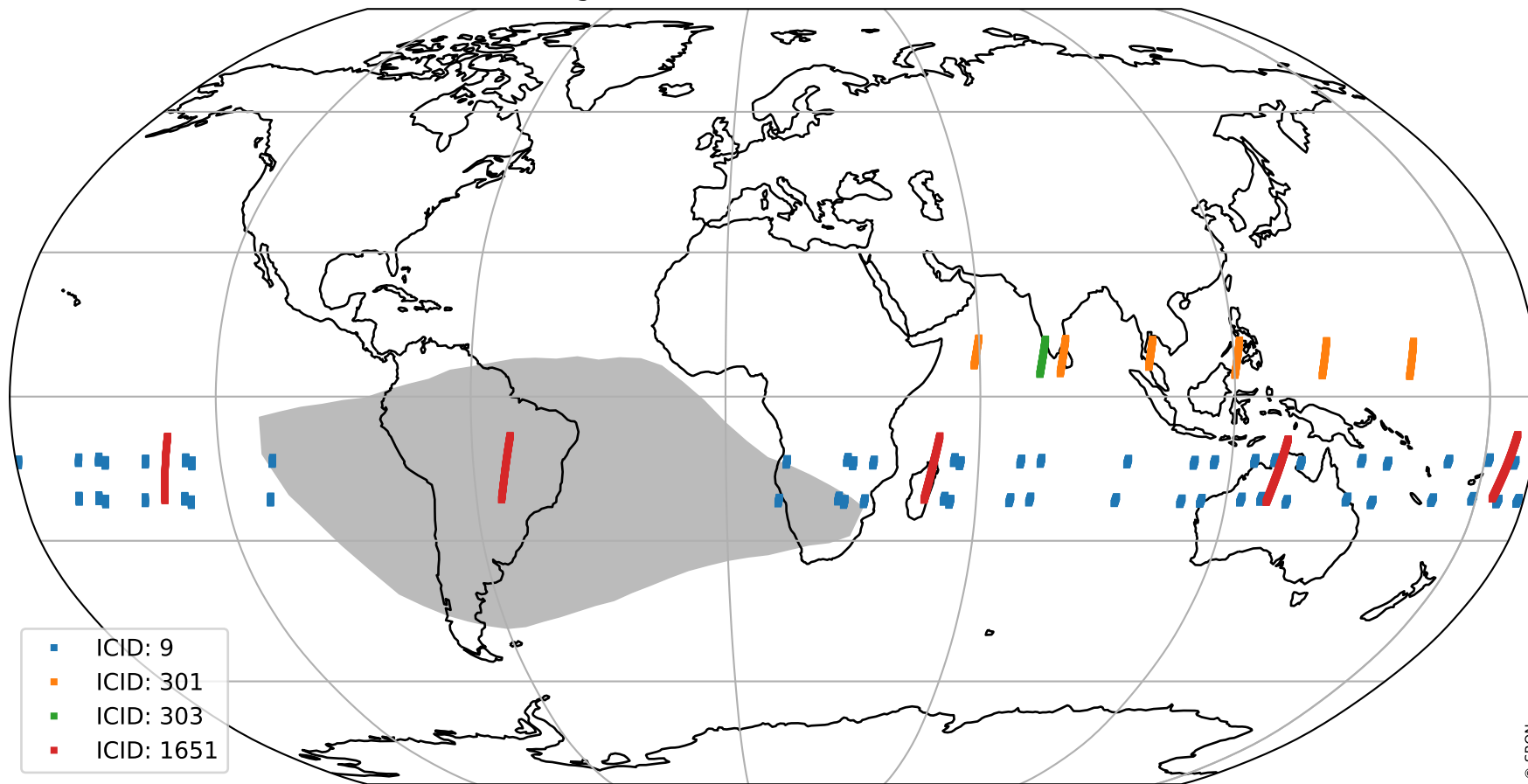
orbits : 12 in [8977, 9067]  
coverage : 2019-07-08 / 2019-07-14  
median : 0.94519  
spread : 0.09672  
created : 2023-08-21T15:01:18





# Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

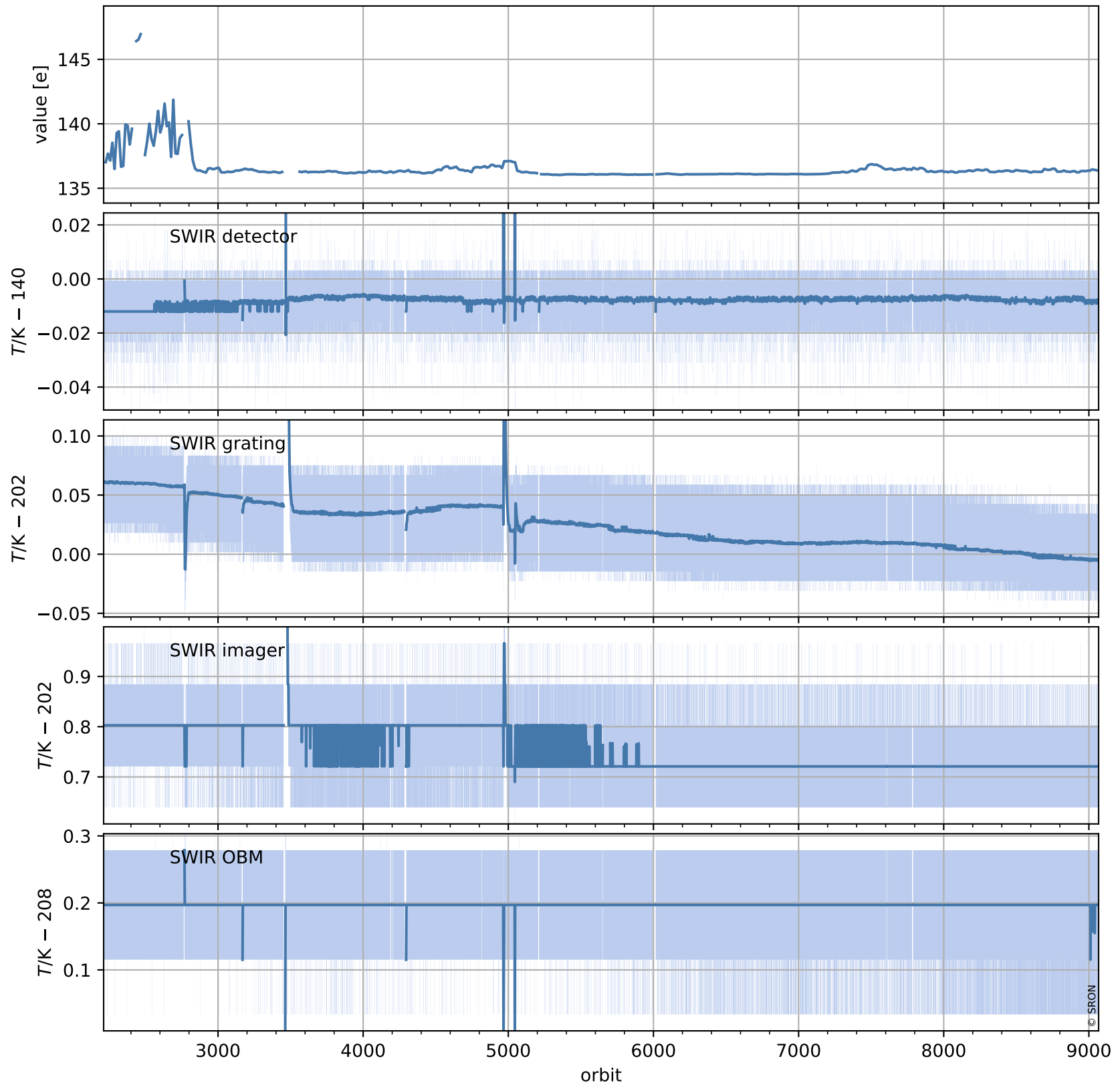
orbits : 12 in [8977, 9067]  
coverage : 2019-07-08 / 2019-07-14  
created : 2023-08-21T15:01:18



# Tropomi SWIR background noise (swir)

orbits : [2212, 9067]  
coverage : 2018-03-18 / 2019-07-14  
created : 2023-08-21T15:01:19

trend of detector median of plain noise & temperatures

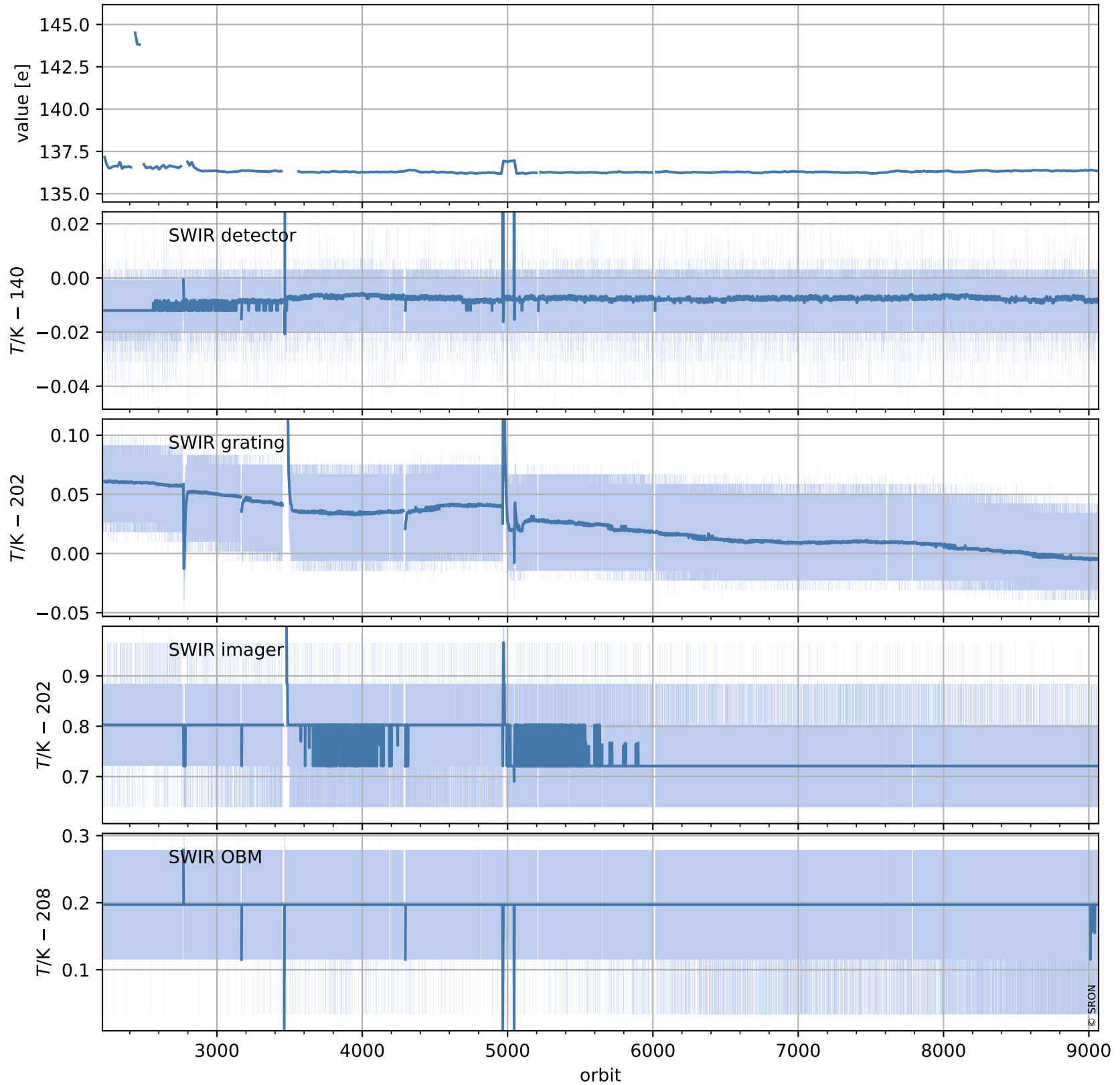




# Tropomi SWIR background noise (swir)

orbits : [2212, 9067]  
coverage : 2018-03-18 / 2019-07-14  
created : 2023-08-21T15:01:20

trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9067]  
coverage : 2018-03-18 / 2019-07-14  
created : 2023-08-21T15:01:20

trend of normalized read-noise & temperatures

